

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Bohndt A
KJ
57-02

In re Patent Application of

RUSSELL et al

Atty. Ref.: 124-892

National Phase of Int'l Appln. No. PCT/GB00/01249 Group:

(Filed: 31 March 2000)

Examiner:

For: A PHOTONIC CRYSTAL FIBRE AND A METHOD FOR ITS PRODUCTION

* * * * *

October 1, 2001

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

Please preliminarily amend the above-identified application as follows:

IN THE CLAIMS

Please cancel without prejudice claims 21, 28 and 29, and substitute the following amended claims for corresponding claims previously presented. A copy of the amended claims showing current revisions is attached.

- a1
3. (Amended) A photonic crystal fibre, as claimed in claim 1, in which the substantially periodic cladding material has a triangular lattice structure.
- a2
5. (Amended) A photonic crystal fibre, as claimed in claim 1, in which the regions of higher refractive index consist essentially of silica.
6. (Amended) A photonic crystal fibre, as claimed in claim 1, in which the fraction of air in the cladding is at least 15% by volume based on the volume of the cladding.